1   <u>REAL-TIME STREAMED DATA DOWNLOAD SYSTEM AND METHOD</u>

<u>Abstract of the Disclosure</u>

A system, a method, and an article of manufacture for near real-time transfer of a

5   datafile from a first computer to a second computer. The system comprises a first

computer connected to a second computer over a computer network. These

computers are operated such that on the first computer a server side script, responsive

to a download request from the second computer, operable to launch an

httpstreamproducer and to read and write data over the computer network. The

10   httpstreamproducer operable to read a designated source file and simultaneously write

data from the source file into a return-data-buffer connected to the server-side script

and a read-while-write mechanism allowing the httpstreamproducer to read data from

the designated source file while the designated source file is being written by a data

producer program. The second computer a transaction handler class, each instance of

15   which is operable to read and write data produced by an httpstreamproducer over the

computer network and to write blocks of data to a destination simultaneously with

receiving data from the computer network.